**ABSTRACT**

An air terminal for lightning protection includes a central rod and a curved conductive surface around the central rod. The central rod includes a tip mount for receiving a tip from a tip set that includes a plurality of tips that impart different electrical characteristics to the air terminal. For example, the tips of the tip set may have a variety of radii of curvature, and may provide different gap sizes between the various tips and the curved conductive surface. The curved conductive surface and the grounded central rod may be electrically coupled together via an electrical connection. The electrical connection may include a fixed impedance or resistance, or may include a variable impedance unit that automatically varies impedance based on a voltage difference between the curved conductive surface and the grounded central rod.